

PIANTA MOLYB is a liquid fertilizer rich in **molybdenum and phosphorus**, providing plants with bioavailable nutrients for rapid absorption and improved physiological functions. It supports **nitrogen-fixing bacteria** in legumes and reduces nitrate levels in leafy vegetables by **promoting nitrate reductase synthesis**.

The phosphorus content delivers **readily available energy**, aiding processes that demand high energy. Targeted applications help control **excessive vegetative growth**, enhance **pollen fertility**, and improve fruit set, making it versatile for optimizing crop health and productivity.

CROPS	APPLICATION RATES	STAGES AND RECOMMENDATIONS
	FOLIAR*	
FRUIT TREES, GRAPES, CITRUS, OLIVE TREES	500 - 1000 ml/ha	Before and after flowering; in case of vegetative excess
GREENHOUSE HORTICULTURE	50 ml/ha	Before flowering, in case of vegetative excess and in case of too much nitrates in the leaves; on legumes at 4th - 6th leaf to promote root tubercle formation
HORTICULTURE IN OPEN FIELD AND INDUSTRIAL CROPS	500 ml/ha	
NURSERIES	200 ml/ha	In case of molybdenum deficiencies
FLOWERS AND ORNAMENTALS	150 - 250 ml/ha	In case of molybdenum deficiencies and before flowering
SOILLESS CROPS: use the product at the maximum concentration of 15 - 20% for preparing the mother solution and dilute in irrigation water		
*Foliar applications referred to standard water volumes		

COMPOSITION % w/w (equivalent to % w/v at 20°C)

Molybdenum (Mo), water soluble	12.0% w/w	17.2% w/v
Total Phosphorus pentoxide (P ₂ O ₅)	12.0% w/w	17.2% w/v

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C:	1.43 g/ml
pH (1% w/w aqueous solution at 20°C):	6.0 ± 0.5 u. pH
E.C. (1 g/l in deionized water at 20°C):	270 µS/cm



PIANTA
MOLYB

HIGH BIOAVAILABILITY
OF Mo

KEY BENEFIT

- Enhances nitrogen metabolism by activating the nitrate reductase enzyme
- Supports nitrogen-fixing bacteria
- Formula enriched with phosphorus, providing a stop signal to vegetative growth

